

PERMIT APPLICATION: NRS #05-293

APPLICANT: Amnon Shreibman
5138 Murfreesboro Road
LaVergne, Tennessee 37086
(615) 793-9299

LOCATION: Unnamed tributary to Sinking Creek and adjacent wetlands within property designated as Lake Forest Estates and located approximately 1.35 miles northwest of the intersection of Dick Buchanan Street and Murfreesboro Road (86°42'47"; 36°1'58") in Rutherford County, Tennessee.

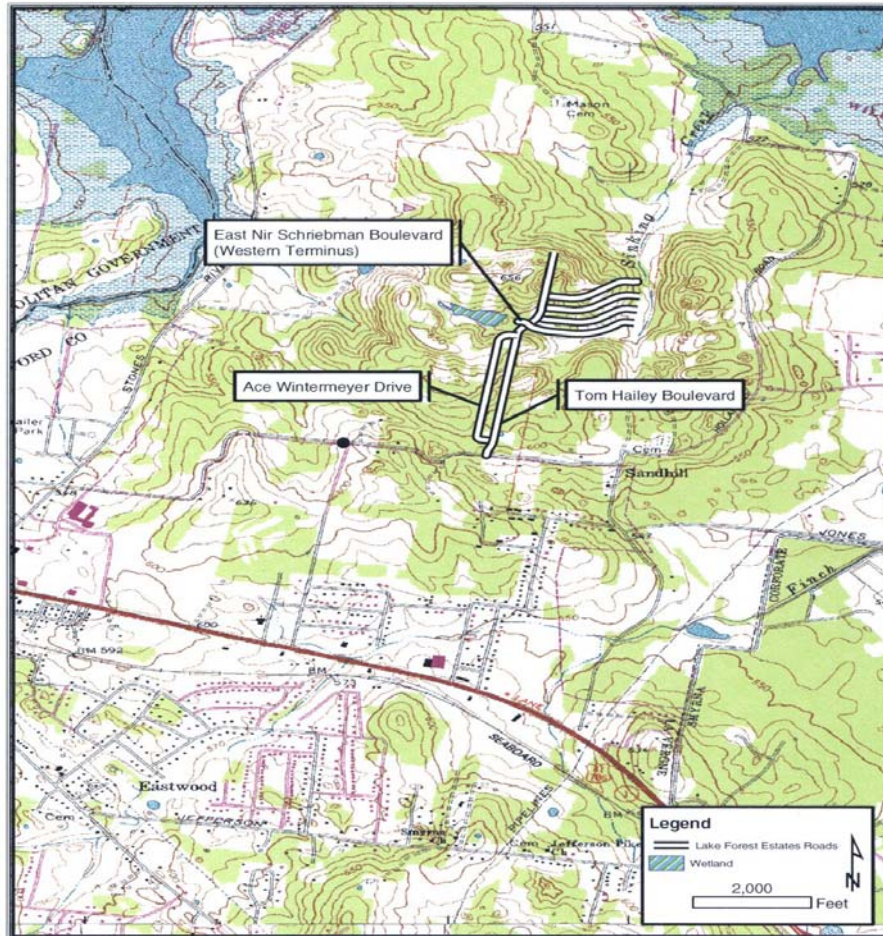
WATERSHED DESCRIPTION: Dominated by residential development. The wetland area and stream affected by the proposed activity is situated in a topographic depression that exists at a relatively high elevation between two ridges. Elevations in the wetland area range from 610 feet above mean sea level (AMSL) to 595 AMSL. The wetland and associated stream receive sheet flows associated with runoff from adjacent elevations during rain events and collect water in a shallow topographic basin. The primary persisting hydrological source of the stream and adjacent wetland appears to originate near the upper limit of a shallow basin that is traversed by a regional water line trench.

PROJECT DESCRIPTION: The applicant proposes to fill approximately 1.9 acres of an existing 3.6-acre wetland and approximately 140 feet of the upper portion of the associated unnamed tributary. The proposed activity is necessary to accommodate residential construction and associated infrastructure, including the completion of East Nir Shreibman Blvd. These proposed wetland impacts will be mitigated by purchase of 3.8 acres/credits at a 2:1 ratio from the Coffee County Wetland Mitigation Bank; stream impacts will be mitigated by payment into the Tennessee Stream Mitigation Program (TSMP) at a rate of \$200 per linear foot.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Mike Lee

TOPOGRAPHICAL QUADRANGLE: LaVergne 311 SE



BDY Breedlove, Dennis, Young & Associates, Inc.

Figure 2. Location of wetland within Lake Forest Estates Development in LaVergne, Tennessee on LaVergne 7.5-minute USGS Quadrangle.

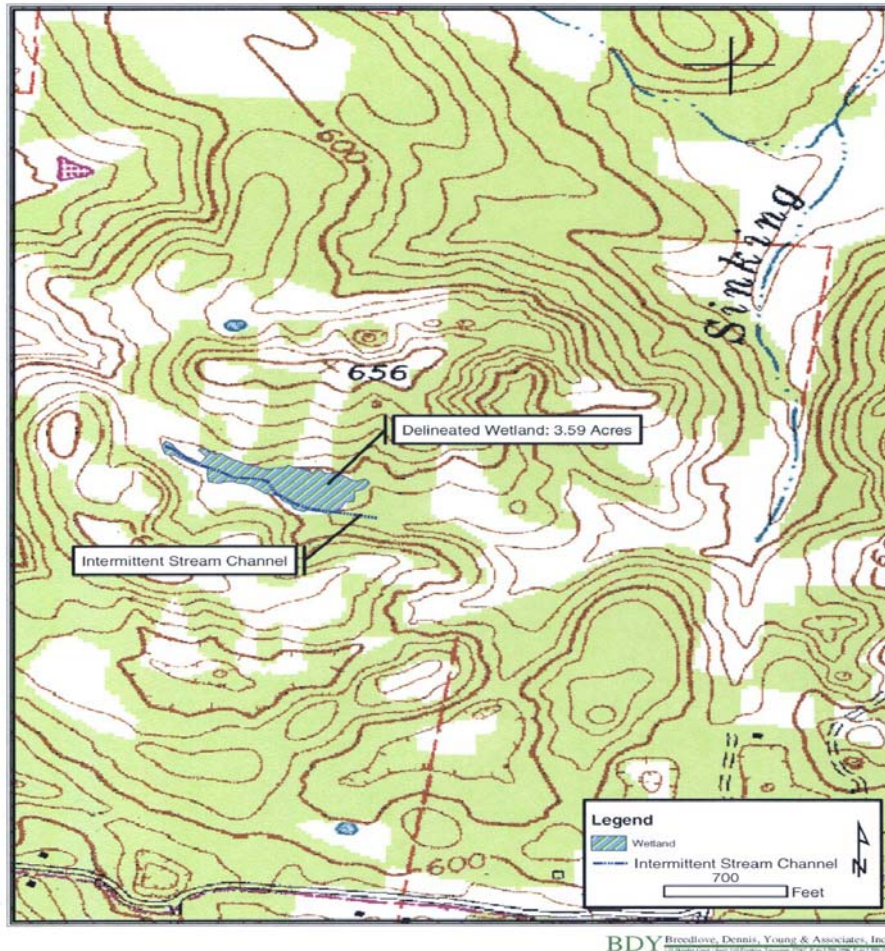


Figure 3. Delineated wetland and intermittent stream channel within Lake Forest Estates Development in LaVergne, Tennessee on LaVergne 7.5-minute USGS Quadrangle.

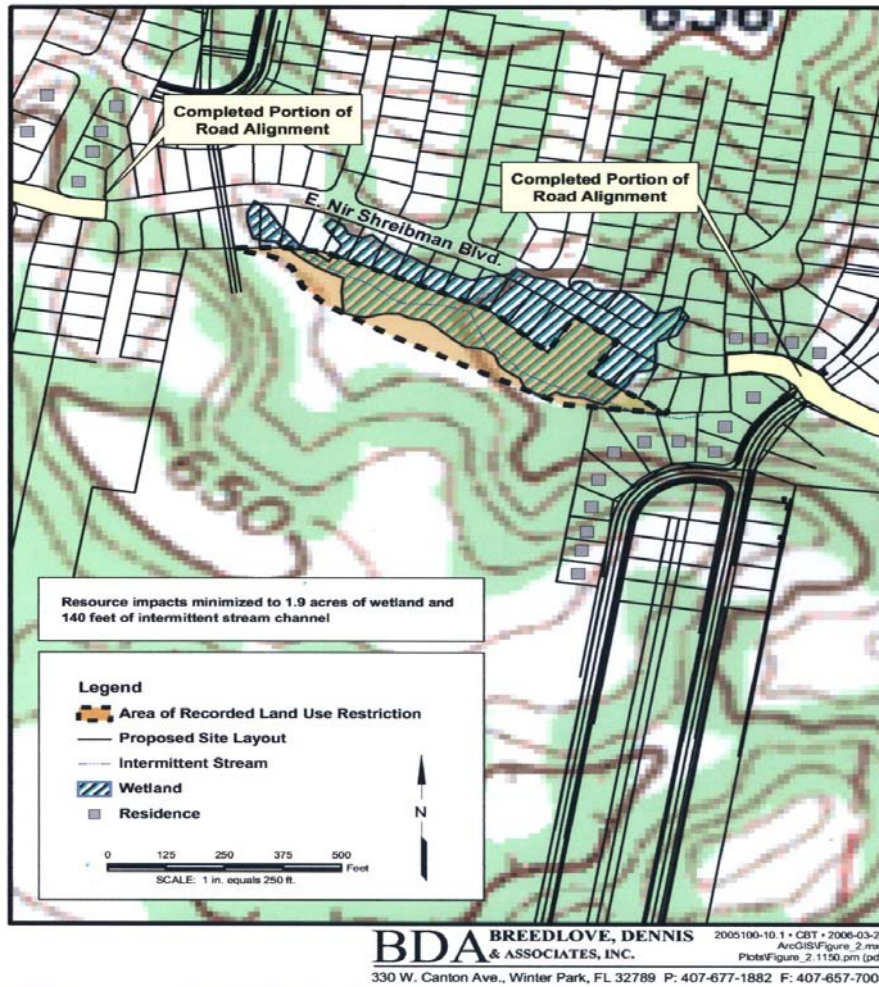


FIGURE 2. REVISED ALIGNMENT OF EAST NIR SHREIBMAN BLVD., WITH REDUCED WETLAND IMPACT, ASSOCIATED LOTS, AND AREA OF LAND USE RESTRICTION.

